

# Mirta Herak

## List of Publications by Year in descending order

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24  
papers

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citations

933447

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839539

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26  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Magnetic ordering of the distorted kagome antiferromagnet $\text{Y}_3\text{Cu}_9(\text{OH})_{18}[\text{Cl}_8(\text{OH})]$ prepared via optimal synthesis. <i>Physical Review Materials</i> , 2021, 5, .	2.4	2
2	Control of a polar order via magnetic field in a vector-chiral magnet. <i>Physical Review B</i> , 2021, 104, .	3.2	2
3	Magnetic-field-induced reorientation in the spin-density-wave and the spin-stripe phases of the frustrated spin- $\frac{1}{2}$ chain compound $\text{CuSb}_2\text{O}_7$ . <i>Physical Review B</i> , 2020, 102, .	3.2	1
4	Impact of dehydration and mechanical amorphization on the magnetic properties of $\text{Ni}(\text{MOF})_2$ . <i>Journal of Materials Chemistry C</i> , 2020, 8, 7132-7142.	5.5	21
5	Strong decoupling between magnetic subsystems in the low-dimensional spin- $\frac{1}{2}$ antiferromagnet $\text{SeCuO}_3$ . <i>Physical Review B</i> , 2019, 99, .	3.2	8
6	Symmetry Reduction in the Quantum Kagome Antiferromagnet Herbertsmithite. <i>Physical Review Letters</i> , 2017, 118, 017202.	7.8	42
7	Magnetostructural Characterization of Oxalamide Dihalo-Bridged Copper Dimers: Intra- and Interdimer Interactions Studied by Single-Crystal Electron Spin Resonance Spectroscopy. <i>ChemPhysChem</i> , 2017, 18, 2397-2408.	2.1	6
8	Exchange anisotropy as mechanism for spin-stripe formation in frustrated spin chains. <i>Physical Review B</i> , 2016, 94, .	3.2	9
9	Torque magnetometry study of magnetically ordered state and spin reorientation in the quasi-one-dimensional antiferromagnet $\text{CuSb}_2\text{O}_7$ . <i>Physical Review B</i> , 2017, 95, .	3.2	7
10	Magnetic anisotropy of the spin tetramer system $\text{SeCuO}_3$ by torque magnetometry and ESR spectroscopy. <i>Physical Review B</i> , 2014, 89, .	3.2	3
11	CuSe $_2$ O $_5$ with staggered fields. <i>Physical Review B</i> , 2013, 87, .	3.2	21
12	Site-selective quantum correlations revealed by magnetic anisotropy in the tetramer system $\text{SeCuO}_3$ . <i>Physical Review B</i> , 2012, 86, .	3.2	17
13	Cubic magnetic anisotropy of the antiferromagnetically ordered $\text{Cu}_3\text{TeO}_6$ . <i>Solid State Communications</i> , 2011, 151, 1588-1592.	1.9	19
14	Symmetric and antisymmetric exchange anisotropies in quasi-one-dimensional $\text{CuSe}_2\text{O}_5$ as revealed by ESR. <i>Physical Review B</i> , 2011, 84, .	3.2	31
15	Easy plane anisotropy in $\text{Bi}_2\text{CuO}_4$ . <i>Journal of Physics Condensed Matter</i> , 2010, 22, 026006.	1.8	17
16	Magnetic Anisotropy of Paramagnetic and Ferromagnetically Ordered State of Single Crystal $\text{BaVSe}_3$ . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 093701.	1.6	4
17	The magnetic state of the low dimensional $\text{CuTe}_2\text{O}_5$ compound below 20 K. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 505210.	1.8	4
18	Transport and magnetic properties of $\text{BaVSe}_3$ . <i>Physical Review B</i> , 2008, 78, .	3.2	10

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19	A new modification of nickel selenite NiSeO <sub>3</sub> crystal structure and magnetic properties. Journal of Physics Condensed Matter, 2007, 19, 196203.	1.8	4
20	Crystal structure and magnetic properties of Co <sub>2</sub> TeO <sub>3</sub> Cl <sub>2</sub> and Co <sub>2</sub> TeO <sub>3</sub> Br <sub>2</sub> . Journal of Solid State Chemistry, 2006, 179, 836-842.	2.9	33
21	Crystal structure and magnetic properties of Co <sub>7</sub> (TeO <sub>3</sub> ) <sub>4</sub> Br <sub>6</sub> a new cobalt tellurite bromide. Solid State Sciences, 2006, 8, 836-842.	3.2	13
22	Anisotropic spin-Peierls state in the inorganic compound CuGeO <sub>3</sub> . Europhysics Letters, 2005, 70, 369-375.	2.0	10
23	Novel spin lattice in Cu <sub>3</sub> TeO <sub>6</sub> : an antiferromagnetic order and domain dynamics. Journal of Physics Condensed Matter, 2005, 17, 7667-7679.	1.8	35
24	Halogen-Bonded Co-Crystals Containing Mono- and Dinuclear Metal-Organic Units: Three-Component One-Pot Mechano-synthesis, Structural Analysis and Magnetic Properties. Chemistry Methods, 0, , .	3.8	0